

SEQUENCE LISTING

<110> CASTERMAN, CECILE
HAMERS, RAYMOND

<120> IMMUNOGLOBULINS DEVOID OF LIGHT CHAINS

<130> 04958.0008-07000

<140> 09/293,769

<141> 1999-04-19

<150> 08/471,284

<151> 1995-06-06

<150> 07/106,944

<151> 1987-10-15

<150> EPO 92402326.0

<151> 1992-08-21

<150> EPO 93401310.3

<151> 1993-05-21

<160> 130

<170> PatentIn Ver. 2.1

<210> 1

<211> 22

<212> PRT

<213> Camelus sp.

<400> 1

Gly	Gly	Ser	Val	Gln	Thr	Gly	Gly	Ser	Leu	Arg	Leu	Ser	Cys	Glu	Ile
1				5					10					15	

Ser	Gly	Leu	Thr	Phe	Asp
				20	

<210> 2

<211> 22

<212> PRT

<213> Camelus sp.

<400> 2

Gly	Gly	Ser	Val	Gln	Thr	Gly	Gly	Ser	Leu	Arg	Leu	Ser	Cys	Ala	Val
1				5					10					15	

Ser	Gly	Phe	Ser	Phe	Ser
				20	

<210> 3

<211> 22

<212> PRT

<213> Camelus sp.

<400> 3

Gly Gly Ser Glu Gln Gly Gly Gly Ser Leu Arg Leu Ser Cys Ala Ile
 1 5 10 15

Ser Gly Tyr Thr Tyr Gly
 20

<210> 4

<211> 22

<212> PRT

<213> Camelus sp.

<400> 4

Gly Gly Ser Val Gln Pro Gly Gly Ser Leu Thr Leu Ser Cys Thr Val
 1 5 10 15

Ser Gly Ala Thr Tyr Ser
 20

<210> 5

<211> 22

<212> PRT

<213> Camelus sp.

<400> 5

Gly Gly Ser Val Gln Ala Gly Gly Ser Leu Arg Leu Ser Cys Thr Gly
 1 5 10 15

Ser Gly Phe Pro Tyr Ser
 20

<210> 6

<211> 21

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 6

Gly Gly Ser Val Gln Ala Gly Gly Ser Leu Arg Leu Ser Cys Val Ala
 1 5 10 15

Gly Phe Gly Thr Ser
 20

<210> 7

<211> 21

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 7

Gly Gly Ser Val Gln Ala Gly Gly Ser Leu Arg Leu Ser Cys Val Ser
1 5 10 15

Phe Ser Pro Ser Ser
20

<210> 8

<211> 11

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 8

Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
1 5 10

<210> 9

<211> 11

<212> PRT

<213> Camelus sp.

<400> 9

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
1 5 10

<210> 10

<211> 11

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 10

Trp Gly Gln Gly Ala Gln Val Thr Val Ser Ser
1 5 10

<210> 11

<211> 11

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

```
<400> 11
Trp Gly Gln Gly Thr Gln Val Thr Ala Ser Ser
  1             5             10
```

```
<210> 12
<211> 11
<212> PRT
<213> Unknown Organism
```

<220>
<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

```
<400> 12
Arg Gly Gln Gly Thr Gln Val Thr Val Ser Leu
  1                      5                10
```

```
<210> 13
<211> 25
<212> PRT
<213> Camelus sp.
```

```
<220>  
<221> MOD_RES  
<222> (12)  
<223> Variable amino acid
```

<400> 13
Ala Leu Gln Pro Gly Gly Tyr Cys Gly Tyr Gly Xaa Cys Leu Trp Gly
1 5 10 15
Gln Gly Thr Gln Val Thr Val Ser Ser
20 25

```
<210> 14
<211> 23
<212> PRT
<213> Camelus sp.
```

```

<400> 14
Val Ser Leu Met Asp Arg Ile Ser Gln His Gly Cys Arg Gly Gln Gly
 1             5             10             15
Thr Gln Val Thr Val Ser Leu
      20

```

```
<210> 15
<211> 29
<212> PRT
<213> Camelus sp.
```

<400> 15

Val Pro Ala His Leu Gly Pro Gly Ala Ile Leu Asp Leu Lys Lys Tyr
 1 5 10 15

Lys Tyr Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
 20 25

<210> 16

<211> 26

<212> PRT

<213> Camelus sp.

<400> 16

Phe Cys Tyr Ser Thr Ala Gly Asp Gly Gly Ser Gly Glu Met Tyr Trp
 1 5 10 15

Gly Gln Gly Thr Gln Val Thr Val Ser Ser
 20 25

<210> 17

<211> 26

<212> PRT

<213> Camelus sp.

<400> 17

Glu Leu Ser Gly Gly Ser Cys Glu Leu Pro Leu Leu Phe Asp Tyr Trp
 1 5 10 15

Gly Gln Gly Thr Gln Val Thr Val Ser Ser
 20 25

<210> 18

<211> 28

<212> PRT

<213> Camelus sp.

<400> 18

Asp Trp Lys Tyr Trp Thr Cys Gly Ala Gln Thr Gly Gly Tyr Phe Gly
 1 5 10 15

Gln Trp Gly Gln Gly Ala Gln Val Thr Val Ser Ser
 20 25

<210> 19

<211> 35

<212> PRT

<213> Camelus sp.

<400> 19

Arg Leu Thr Glu Met Gly Ala Cys Asp Ala Arg Trp Ala Thr Leu Ala
 1 5 10 15

Thr Arg Thr Phe Ala Tyr Asn Tyr Trp Gly Gln Gly Thr Gln Val Thr
 20 25 30

Val Ser Ser
35

<210> 20
<211> 27
<212> PRT
<213> Camelus sp.

<400> 20
Gln Lys Lys Asp Arg Thr Arg Trp Ala Glu Pro Arg Glu Trp Asn Asn
1 5 10 15
Trp Gly Gln Gly Thr Gln Val Thr Ala Ser Ser
20 25

<210> 21
<211> 32
<212> PRT
<213> Camelus sp.

<400> 21
Gly Ser Arg Phe Ser Ser Pro Val Gly Ser Thr Ser Arg Leu Glu Ser
1 5 10 15
Ser Asp Tyr Asn Tyr Trp Gly Gln Gly Thr Gln Val Thr Ala Ser Ser
20 25 30

<210> 22
<211> 27
<212> PRT
<213> Camelus sp.

<220>
<221> MOD_RES
<222> (11)
<223> Variable amino acid

<400> 22
Ala Asp Pro Ser Ile Tyr Tyr Ser Ile Leu Xaa Ile Glu Tyr Lys Tyr
1 5 10 15
Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
20 25

<210> 23
<211> 33
<212> PRT
<213> Camelus sp.

<400> 23
Asp Ser Pro Cys Tyr Met Pro Thr Met Pro Ala Pro Pro Ile Arg Asp
1 5 10 15

Ser Phe Gly Trp Asp Asp Phe Gly Gln Gly Thr Gln Val Thr Val Ser
 20 25 30

Ser

<210> 24
 <211> 26
 <212> PRT
 <213> Camelus sp.

<400> 24
 Thr Ser Ser Phe Tyr Trp Tyr Cys Thr Thr Ala Pro Tyr Asn Val Trp
 1 5 10 15

Gly Gln Gly Thr Gln Val Thr Val Ser Ser
 20 25

<210> 25
 <211> 27
 <212> PRT
 <213> Camelus sp.

<400> 25
 Thr Glu Ile Glu Trp Tyr Gly Cys Asn Leu Arg Thr Thr Phe Thr Arg
 1 5 10 15

Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser
 20 25

<210> 26
 <211> 33
 <212> PRT
 <213> Camelus sp.

<400> 26
 Asn Gln Leu Ala Gly Gly Trp Tyr Leu Asp Pro Asn Tyr Trp Leu Ser
 1 5 10 15

Val Gly Ala Tyr Ala Ile Trp Gly Gln Gly Thr His Val Thr Val Ser
 20 25 30

Ser

<210> 27
 <211> 35
 <212> PRT
 <213> Camelus sp.

<400> 27
 Arg Leu Thr Glu Met Gly Ala Cys Asp Ala Arg Trp Ala Thr Leu Ala
 1 5 10 15

Thr Arg Thr Phe Ala Tyr Asn Tyr Trp Gly Arg Gly Thr Gln Val Thr
 20 25 30

Val Ser Ser
 35

<210> 28
 <211> 35
 <212> PRT
 <213> Camelus sp.

<400> 28
 Asp Gly Trp Thr Arg Lys Glu Gly Gly Ile Gly Leu Pro Trp Ser Val
 1 5 10 15

Gln Cys Glu Asp Gly Tyr Asn Tyr Trp Gly Gln Gly Thr Gln Val Thr
 20 25 30

Val Ser Ser
 35

<210> 29
 <211> 21
 <212> PRT
 <213> Camelus sp.

<400> 29
 Asp Ser Tyr Pro Cys His Leu Leu Asp Val Trp Gly Gln Gly Thr Gln
 1 5 10 15

Val Thr Val Ser Ser
 20

<210> 30
 <211> 23
 <212> PRT
 <213> Camelus sp.

<400> 30
 Val Glu Tyr Pro Ile Ala Asp Met Cys Ser Arg Tyr Gly Asp Pro Gly
 1 5 10 15

Thr Gln Val Thr Val Ser Ser
 20

<210> 31
 <211> 27
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 31

Ala Pro Glu Leu Leu Gly Gly Pro Thr Val Phe Ile Phe Pro Pro Lys
 1 5 10 15

Pro Lys Asp Val Leu Ser Ile Thr Leu Thr Pro
 20 25

<210> 32

<211> 27

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 32

Ala Pro Glu Leu Pro Gly Gly Pro Ser Val Phe Val Phe Pro Thr Lys
 1 5 10 15

Pro Lys Asp Val Leu Ser Ile Ser Gly Arg Pro
 20 25

<210> 33

<211> 27

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 33

Ala Pro Glu Leu Pro Gly Gly Pro Ser Val Phe Val Phe Pro Pro Lys
 1 5 10 15

Pro Lys Asp Val Leu Ser Ile Ser Gly Arg Pro
 20 25

<210> 34

<211> 27

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 34

Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Ile Phe Pro Pro Lys
 1 5 10 15

Pro Lys Asp Val Leu Ser Ile Ser Gly Arg Pro
 20 25

<210> 35
 <211> 12
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 35
 Gly Gln Thr Arg Glu Pro Gln Val Tyr Thr Leu Ala
 1 5 10

<210> 36
 <211> 18
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<220>
 <221> MOD_RES
 <222> (14)
 <223> Variable amino acid

<400> 36
 Gly Gln Thr Arg Glu Pro Gln Val Tyr Thr Leu Ala Pro Xaa Arg Leu
 1 5 10 15

Glu Leu

<210> 37
 <211> 12
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 37
 Gly Thr Asn Glu Val Cys Lys Cys Pro Lys Cys Pro
 1 5 10

<210> 38
 <211> 35
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Camelus sp. or

Lama sp.

<400> 38

Glu Pro Lys Ile Pro Gln Pro Gln Pro Lys Pro Gln Pro Gln Pro Gln
1 5 10 15

Pro Gln Pro Lys Pro Gln Pro Lys Pro Glu Pro Glu Cys Thr Cys Pro
20 25 30

Lys Cys Pro
35

<210> 39

<211> 28

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<220>

<221> MOD_RES

<222> (26)

<223> Variable amino acid

<400> 39

Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Val Phe Pro Pro Lys
1 5 10 15

Pro Lys Asp Val Leu Ser Ile Ser Gly Xaa Pro Lys
20 25

<210> 40

<211> 28

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 40

Ala Pro Glu Leu Pro Gly Gly Pro Ser Val Phe Val Phe Pro Thr Lys
1 5 10 15

Pro Lys Asp Val Leu Ser Ile Ser Gly Arg Pro Lys
20 25

<210> 41

<211> 28

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 41

Ala Pro Glu Leu Pro Gly Gly Pro Ser Val Phe Val Phe Pro Pro Lys
1 5 10 15Pro Lys Asp Val Leu Ser Ile Ser Gly Arg Pro Lys
20 25

<210> 42

<211> 28

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 42

Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Ile Phe Pro Pro Lys
1 5 10 15Pro Lys Asp Val Leu Ser Ile Ser Gly Arg Pro Lys
20 25

<210> 43

<211> 31

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 43

Val Thr Val Ser Ser Gly Thr Asn Glu Val Cys Lys Cys Pro Lys Cys
1 5 10 15Pro Ala Pro Glu Leu Pro Gly Gly Pro Ser Val Phe Val Phe Pro
20 25 30

<210> 44

<211> 54

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 44

Val Thr Val Ser Ser Glu Pro Lys Ile Pro Gln Pro Gln Pro Lys Pro
1 5 10 15

Gln Pro Gln Pro Gln Pro Gln Pro Lys Pro Gln Pro Lys Pro Glu Pro
 20 25 30

Glu Cys Thr Cys Pro Lys Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro
 35 40 45

Ser Val Phe Ile Phe Pro
 50

<210> 45
 <211> 14
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 45
 Ala Pro Glu Leu Pro Gly Gly Pro Ser Val Phe Val Phe Pro
 1 5 10

<210> 46
 <211> 14
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 46
 Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Ile Phe Pro
 1 5 10

<210> 47
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 47
 cgccatcaag gtaacagttg a

21

<210> 48
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer

<400> 48
aggtccagct gctcgagtct gg 22

<210> 49
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 49
agctccagct gctcgagtct gg 22

<210> 50
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 50
aggtccagct tctcgagtct gg 22

<210> 51
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Primer

<400> 51
tcttaactag tgaggagacg gtgacctg 28

<210> 52
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 52
ctagtgacc accatcacca tcactaatag 30

<210> 53
<211> 30
<212> DNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
antisense oligonucleotide

<400> 53

aattctatta gtgatggtga tgggtggtgca

30

<210> 54

<211> 43

<212> PRT

<213> Camelus dromedarius

<220>

<221> MOD_RES

<222> (21)

<223> Variable amino acid

<220>

<221> MOD_RES

<222> (23)

<223> Variable amino acid

<220>

<221> MOD_RES

<222> (39)

<223> Variable amino acid

<400> 54

Leu Pro Gly Gly Pro Ser Val Phe Val Phe Pro Pro Lys Pro Lys Asp
1 5 10 15

Val Leu Ser Ile Xaa Gly Xaa Pro Lys Gly Gln Thr Arg Glu Pro Gln
20 25 30

Val Tyr Thr Leu Ala Pro Xaa Arg Leu Glu Leu
35 40

<210> 55

<211> 24

<212> PRT

<213> Camelus dromedarius

<400> 55

Leu Pro Gly Gly Pro Ser Val Phe Val Phe Pro Thr Lys Pro Lys Asp
1 5 10 15

Val Leu Ser Ile Ser Gly Arg Pro
20

<210> 56

<211> 24

<212> PRT

<213> Camelus dromedarius

<400> 56

Leu Pro Gly Gly Pro Ser Val Phe Val Phe Pro Pro Lys Pro Lys Asp
 1 5 10 15

Val Leu Ser Ile Ser Gly Arg Pro
 20

<210> 57

<211> 24

<212> PRT

<213> Camelus dromedarius

<400> 57

Leu Leu Gly Gly Pro Ser Val Phe Ile Phe Pro Pro Lys Pro Lys Asp
 1 5 10 15

Val Leu Ser Ile Ser Gly Arg Pro
 20

<210> 58

<211> 30

<212> PRT

<213> Camelus dromedarius

<400> 58

Asp Val Gln Leu Val Ala Ser Gly Gly Gly Ser Val Gly Ala Gly Gly
 1 5 10 15

Ser Leu Arg Leu Ser Cys Thr Ala Ser Gly Asp Ser Phe Ser
 20 25 30

<210> 59

<211> 11

<212> PRT

<213> Camelus dromedarius

<400> 59

Trp Gly Arg Gly Thr Gln Val Thr Val Ser Ser
 1 5 10

<210> 60

<211> 11

<212> PRT

<213> Camelus dromedarius

<400> 60

Trp Gly Gln Gly Thr His Val Thr Val Ser Ser
 1 5 10

<210> 61

<211> 11

<212> PRT

<213> Camelus dromedarius

<400> 61

Trp Gly Gln Gly Ile Gln Val Thr Ala Ser Ser
 1 5 10

<210> 62

<211> 14

<212> PRT

<213> Camelus dromedarius

<220>

<221> MOD_RES

<222> (12)

<223> Variable amino acid

<400> 62

Ala Leu Gln Pro Gly Gly Tyr Cys Gly Tyr Gly Xaa Cys Leu
 1 5 10

<210> 63

<211> 12

<212> PRT

<213> Camelus dromedarius

<400> 63

Val Ser Leu Met Asp Arg Ile Ser Gln His Gly Cys
 1 5 10

<210> 64

<211> 18

<212> PRT

<213> Camelus dromedarius

<400> 64

Val Pro Ala His Leu Gly Pro Gly Ala Ile Leu Asp Leu Lys Lys Tyr
 1 5 10 15

Lys Tyr

<210> 65

<211> 15

<212> PRT

<213> Camelus bactrianus

<400> 65

Phe Cys Tyr Ser Thr Ala Gly Asp Gly Gly Ser Gly Glu Met Tyr
 1 5 10 15

<210> 66

<211> 15

<212> PRT

<213> Camelus dromedarius

<400> 66

Glu Leu Ser Gly Gly Ser Cys Glu Leu Pro Leu Leu Phe Asp Tyr
 1 5 10 15

<210> 67

<211> 17

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 67

Asp Trp Lys Tyr Trp Thr Cys Gly Ala Gln Thr Gly Gly Tyr Phe Gly
 1 5 10 15

Gln

<210> 68

<211> 24

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 68

Arg Leu Thr Glu Met Gly Ala Cys Asp Ala Arg Trp Ala Thr Leu Ala
 1 5 10 15

Thr Arg Thr Phe Ala Tyr Asn Tyr
 20

<210> 69

<211> 16

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 69

Gln Lys Lys Asp Arg Thr Arg Trp Ala Glu Pro Arg Glu Trp Asn Asn
 1 5 10 15

<210> 70

<211> 21

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 70

Gly Ser Arg Phe Ser Ser Pro Val Gly Ser Thr Ser Arg Leu Glu Ser
1 5 10 15

Ser Asp Tyr Asn Tyr
20

<210> 71

<211> 16

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<220>

<221> MOD_RES

<222> (11)

<223> Variable amino acid

<400> 71

Ala Asp Pro Ser Ile Tyr Tyr Ser Ile Leu Xaa Ile Glu Tyr Lys Tyr
1 5 10 15

<210> 72

<211> 22

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 72

Asp Ser Pro Cys Tyr Met Pro Thr Met Pro Ala Pro Pro Ile Arg Asp
1 5 10 15

Ser Phe Gly Trp Asp Asp
20

<210> 73

<211> 15

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 73

Thr Ser Ser Phe Tyr Trp Tyr Cys Thr Thr Ala Pro Tyr Asn Val
 1 5 10 15

<210> 74

<211> 16

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 74

Thr Glu Ile Glu Trp Tyr Gly Cys Asn Leu Arg Thr Thr Phe Thr Arg
 1 5 10 15

<210> 75

<211> 22

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 75

Asn Gln Leu Ala Gly Gly Trp Tyr Leu Asp Pro Asn Tyr Trp Leu Ser
 1 5 10 15

Val Gly Ala Tyr Ala Ile
 20

<210> 76

<211> 24

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 76

Arg Leu Thr Glu Met Gly Ala Cys Asp Ala Arg Trp Ala Thr Leu Ala
 1 5 10 15

Thr Arg Thr Phe Ala Tyr Asn Tyr
 20

<210> 77

<211> 24

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 77

Asp	Gly	Trp	Thr	Arg	Lys	Glu	Gly	Gly	Ile	Gly	Leu	Pro	Trp	Ser	Val
1					5				10					15	

Gln	Cys	Glu	Asp	Gly	Tyr	Asn	Tyr
				20			

<210> 78

<211> 10

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 78

Asp	Ser	Tyr	Pro	Cys	His	Leu	Leu	Asp	Val
1				5				10	

<210> 79

<211> 12

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 79

Val	Glu	Tyr	Pro	Ile	Ala	Asp	Met	Cys	Ser	Arg	Tyr
1				5					10		

<210> 80

<211> 26

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
Lama sp.

<400> 80

Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	Gly	Gly
1				5					10					15	

Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly
			20					25	

<210> 81
 <211> 14
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 81
 Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Ser
 1 5 10

<210> 82
 <211> 32
 <212> PRT
 <213> Camelus sp.

<400> 82
 Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
 1 5 10 15
 Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
 20 25 30

<210> 83
 <211> 37
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 83
 Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Thr Asn Glu Val
 1 5 10 15
 Cys Lys Cys Pro Lys Cys Pro Ala Pro Glu Leu Pro Gly Gly Pro Ser
 20 25 30
 Val Phe Val Phe Pro
 35

<210> 84
 <211> 18
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 84

Gly Gly Ser Val Gln Gly Gly Gly Ser Leu Arg Leu Ser Cys Ala Ile
 1 5 10 15

Ser Gly

<210> 85

<211> 14

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 85

Trp Phe Arg Glu Gly Pro Gly Lys Glu Arg Glu Gly Ile Ala
 1 5 10

<210> 86

<211> 32

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 86

Arg Phe Thr Ile Ser Gln Asp Ser Thr Leu Lys Thr Met Tyr Leu Leu
 1 5 10 15

Met Asn Asn Leu Lys Pro Glu Asp Thr Gly Thr Tyr Tyr Cys Ala Ala
 20 25 30

<210> 87

<211> 60

<212> PRT

<213> Unknown Organism

<220>

<223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 87

Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser Glu Pro Lys Ile Pro
 1 5 10 15

Gln Pro Gln Pro Lys Pro Gln Pro Gln Pro Gln Pro Lys Pro
 20 25 30

Gln Pro Lys Pro Glu Pro Glu Cys Thr Cys Pro Lys Cys Pro Ala Pro
 35 40 45

Glu Leu Leu Gly Gly Pro Ser Val Phe Ile Phe Pro
 50 55 60

<210> 88
 <211> 18
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 88
 Gly Gly Ser Val Gln Ala Gly Gly Ser Leu Arg Leu Ser Cys Ala Ser
 1 5 10 15

Ser Ser

<210> 89
 <211> 14
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 89
 Trp Tyr Arg Gln Ala Pro Gly Lys Glu Arg Glu Phe Val Ser
 1 5 10

<210> 90
 <211> 32
 <212> PRT
 <213> Unknown Organism

<220>
 <223> Description of Unknown Organism: Camelus sp. or
 Lama sp.

<400> 90
 Arg Phe Thr Ile Ser Gln Asp Ser Ala Lys Asn Thr Val Tyr Leu Gln
 1 5 10 15

Met Asn Ser Leu Lys Pro Glu Asp Thr Ala Met Tyr Tyr Cys Lys Ile
 20 25 30

<210> 91
 <211> 37
 <212> PRT
 <213> Camelus sp.

<400> 91

Trp Gly Gln Gly Thr Gln Val Thr Val Ser Ser Gly Thr Asn Glu Val
 1 5 10 15

Cys Lys Cys Pro Lys Cys Pro Ala Pro Glu Leu Pro Gly Gly Pro Ser
 20 25 30

Val Phe Val Phe Pro
 35

<210> 92

<211> 399

<212> DNA

<213> Camelus sp.

<220>

<221> modified_base

<222> (314)

<223> a, t, c, g, other or unknown

<400> 92

ctcgagtctg ggggaggatc ggtgcaggct ggaggggtctc tgagactctg tgcgcagcct 60
 ctggatacag taattgtccc ctacttgga gctggtatcg ccagtttcca ggaacggagc 120
 gcgagttcgt ctccagtatg gatccggatg gaaataccaa gtacacatac tccgtgaagg 180
 gccgcttcac catgtcccga ggcagcaccg agtacacagt atttctgcaa atggacaatc 240
 tgaaacctga ggacacggcg atgtattact gtaaaacagc cctacaacct ggggggttatt 300
 gtgggtatgg gtantgcctc tggggccagg ggacccaggc caccgtctcc tcactagtta 360
 cccgtacgac gttccggact acggttctta atagaattc 399

<210> 93

<211> 391

<212> DNA

<213> Camelus sp.

<400> 93

ctcgagtctg ggggaggctc ggtgcaggct ggaggggtctc tgagactctc ctgtgcatct 60
 tcttctaaat atatgccttg cacctacgac atgacctggt accgccaggc tccaggcaag 120
 gagcgcaaat ttgtctcaag tataaatatt gatggtaaga caacatacgc agactccgtg 180
 aaggggccgat tcaccatctc ccaagacagc gccagaaca cgggtgtatct gcagatgaac 240
 agcctgaaac ctgaggacac ggcgatgtat tactgtaaaa tagattcgta cccgtgccat 300
 ctctttgatg tctggggcca ggggacccag gtcaccgtct cctcactagt taccctgacg 360
 agcttccgga ctacggttct taatagaatt c 391

<210> 94

<211> 443

<212> DNA

<213> Camelus sp.

<400> 94

cagggtgaaac tgctcgagtc tggaggaggc tcggtgcaga ctggaggatc tctgagactc 60
 tcctgtgcag tctctggatt ctcttttagt accagttgta tggcctgggt ccgccaggct 120
 tcaggaaagc agcgtgaggg ggtcgcagcc attaatagtg gcggtggtag gacatactac 180
 aacacatatg tcgccgagtc cgtgaagggc cgattcgcca tctcccaaga caacgccaaag 240
 accacggtat atcttgatat gaacaacctc acccctgaag acacggctac gtattactgt 300
 gcggcggtcc cagcccactt gggacctggc gccattcttg atttgaaaaa gtataagtac 360

tggggccagg ggacccagggt caccgtctcc tctactagcta gttacccgta cgacgttccg 420
gactacgggtt cttaatagaa ttc 443

<210> 95
<211> 433
<212> DNA
<213> Camelus sp.

<400> 95
ctcaggtctg ggggaggggtc ggtgcaggct ggagggtctc tgagactctc ctgtaatgtc 60
tctggctctc ccagtagtac ttattgcctg ggctgggtcc gccaggctcc agggagggag 120
cgtgaggggg tcacagcgat taacactgat ggcagtatca tatakcgagc cgactccgtg 180
aaggggccgat tcaccatctc ccaagacacc gccaaagaaa cggtagatct ccagatgaac 240
aacctgcaac ctgaggatc ggccacctat tactgcgcgg caagactgac ggagatgggg 300
gcttgtgatg cgagatgggc gaccttagcg acaaggacgt ttgcgtataa ctactggggc 360
cgggggaccc aggtcaccgt ctctcacta gttacccgta cgacgttccg gactacgggt 420
cttaatagaa ttc 443

<210> 96
<211> 449
<212> DNA
<213> Camelus sp.

<400> 96
caggtgaaac tgctcgagtc tgggggaggg tcgggtgcagg ctggaggggtc tctgagactc 60
tctgtaatg tctctggctc tcccagtagt acttattgcc tgggtgggt ccgccagggt 120
ccagggaagg agcgtgaggg ggtcacagcg attaacactg atggcagtgt catatacgca 180
gccgactccg tgaagggccg attcaccatc tcccaagaca ccgccaagaa aacggtatat 240
ctccagatga acaacctgca acctgaggat acggccacct attactgagc ggcaagactg 300
acggagatgg gggcttgtga tgcgagatgg ggcaccttag cgacaaggac gtttgcgtat 360
aactactggg gccgggggac ccaggtcacc gtctcctcac tagctagtta cccgtacgac 420
gttccggact acggttctta atagaattc 449

<210> 97
<211> 424
<212> DNA
<213> Camelus sp.

<400> 97
ctcaggtctg gaggaggctc ggcgagggt ggaggatctc tgagactctc ctgtgcagcc 60
cacgggattc cgctcaatgg ttactacatc gcctgggtcc gtcaggctcc tgggaagggg 120
cgtgaggggg tcgcaacaat taatggtggg cgcgacgtca catactacgc cgactccgtg 180
acggggccgat ttaccatctc ccgagacagc cccaagaata cgggtgtatc gcagatgaac 240
agcctgaaac ctgaggacac ggccatctac ttctgtgcag caggctcgcg tttttctagt 300
cctgttggga gcacttctag actcgaaagt agcgactata actattgggg ccaggggatc 360
caggtcaccg tcacctcact agttacccgt acgacgttcc ggactacggt tcttaataga 420
attc 443

<210> 98
<211> 415
<212> DNA
<213> Camelus sp.

<400> 98
ctcgagtctg gaggaggctc ggttcaggct ggagggtccc ttagactctc ctgtgcagcc 60
tctgactaca ccatcactga ttattgcatg gcctgggtcc gccaggctcc agggaaggag 120
cgtgaattgg tcgcagcgat tcaagttgtc cgtagtgata ctgcctcac agactacgcc 180
gactccgtga agggacgatt caccatctcc caaggcaaca ccaagaacac agtgaatctg 240
caaatgaaca gcctgacacc tgaggacacg gccatctaca gttgtgcggc aaccagtagt 300
ttttactggg actgcaccac ggcgcttat aacgtctggg gtcaggggac ccaggtcacc 360
gtctcctcac tagttaccg tacgacgttc cggactacgg ttcttaatag aattc 415

<210> 99
<211> 406
<212> DNA
<213> Camelus sp.

<400> 99
ctcgagtctg ggggaggctc ggtgcagggt ggagggtctc tgagactctc ctgtgcaatc 60
tctggatata cgtacggtag cttctgtatg ggctgggtcc gcgagggtcc aggcaaggaa 120
cgtgagggga tcgcaactat tcttaatggg ggtactaaca catactatgc cgactcgggtg 180
aagggccgat tcaccatctc ccaagacagc acgttgaaga cgatgtatct gctaataaac 240
aacctgaaac ctgaagacac gggcacctat tactgtgtctg cagaactaag tgggtgtagt 300
tgtgaattgc ctttgctatt tgactactgg ggccagggca cccaggtcac cgtctcctca 360
ctagttaccc gtacgacgtt ccggactacg gttcttaata gaattc 406

<210> 100
<211> 427
<212> DNA
<213> Camelus sp.

<400> 100
ctcgagtctg ggggaggctc ggtgcagggt ggagggtctc tgagactctc ctgtacaggc 60
tctggattcc cctatagtag cttctgtctg ggggtgggtcc gccaggctcc agggaaggag 120
cgtgaggggg tcgcgggtat taatagtga ggaggtaata cttactatgc cgacgccgtg 180
aagggccgat tcaccatctc ccaagggaat gccagaata cgggtgtttct gcaaatggat 240
aacttgaaac ctgaggacac ggccatctat tactgcgcgg cggatagtc atgttacatg 300
ccgactatgc ccgctcccc gatacgagac agttttggct gggatgattt tggccagggg 360
accagggtca ccgtctcctc actagttacc cgtacgacgt tccggactac ggttcttaat 420
agaattc 427

<210> 101
<211> 409
<212> DNA
<213> Camelus sp.

<400> 101
ctcgagtcag ggggaggctc ggtacagggt ggagggtctc tgagactctc ctgtgtagcc 60
tctactcaca ccgacagtag cacctgtata ggctgggtcc gccaggctcc agggaaggag 120
cgcgaggggg tcgcaagtat atattttggg gatgggtgta cgaattatcg cgactccgtg 180
aagggccgat tcaccatctc ccaactcaac gccagaaca cagtgtatct gcaaatgaac 240
agcctgaaac ctgaggacag cgccatgtac tactgtgcaa tcaactgaaat tgagtggat 300
gggtgcaatt taaggactac ttttactcgc tggggccagg ggaccagggt caccgtctcc 360
tcactagtta cccgtacgac gttccggact acggttctta atagaattc 409

<210> 102
<211> 445

<212> DNA

<213> Camelus sp.

<400> 102

```

ctcgagtcctg ggggaggctc ggtacaaact ggaggggtctc tgagactctc ttgcgaaatc 60
tctggattga cttttgatga ttctgacgtg ggggtgggtacc gccaggctcc aggggatgag 120
tgcaaattgg tctcaggtat tctgagtgat ggtactccat atacaaagag tggagactat 180
gctgagtcctg tgaggggccc gggtaccatc tccagagaca acgccaagaa catgatatac 240
cttcaaataga acgacctgaa acctgaggac acggccatgt attactgcgc ggtagatggg 300
tggaccggga aggaaggggg aatcgggtta ccctgggtcgg tccaatgtga agatgggtat 360
aactattggg gccaggggac ccaggtcacc gtctcctcac tagttaccgg tacgacgttc 420
cggactacgg ttcttaatag aattc 445

```

<210> 103

<211> 394

<212> DNA

<213> Camelus sp.

<400> 103

```

ctcgagtcctg gaggaggctc ggtgcaggct ggaggggtctc tgagactctc ctgtgtagcc 60
tctggattca atttcgaaac ttctcgtatg gcgtgggtacc gccagactcc aggaaatgtg 120
tgtgagttgg tctcaagtat ttacagtgat ggcaaaacat actacgtcga ccgcatgaag 180
ggccgattca ccattttctag agagaatgcc aagaatacat tgtatctaca actgagcggc 240
ctcaaacctg aggacacggc catgtattac tgtgcgccgg ttgaatatcc tattgcagac 300
atgtgttcga gatacggcga cccggggacc caggtcaccg tctcctcact agttaccgg 360
acgacgaacc ggactacggt tcttaataga attc 394

```

<210> 104

<211> 433

<212> DNA

<213> Camelus sp.

<400> 104

```

ctcgagtcctg ggggaggctc ggtgcagggt ggaggggtctc tgaaactctc ctgtaaaatc 60
tctggaggta ccccagatcg ttttcctaaa tctttggcct ggttcgccca ggctccagag 120
aaggagcgcg aggggatcgc agttctttcg actaaggatg gtaagacatt ctatgccgac 180
tccgtgaagg gccgattcac catcttctta gataatgaca agaccacttt ctccttacia 240
cttgatcgac tgaaccggga ggacactgcc gactactact gcgctgcaaa tcaattagct 300
ggtggctggt atttggaacc gaattactgg ctctctgtgg gtgcatatgc catctggggc 360
caggggaccc aggtcacggt ctctcacta gttaccgta cgacgttccg gactacgggt 420
cttaatagaa ttc 433

```

<210> 105

<211> 416

<212> DNA

<213> Camelus sp.

<400> 105

```

caggtgaaac tgctcgagtc tgggggaggc tcgggtgcagg ctgggggggtc tctgacactc 60
tcttggtgat acaccaacga tactgggacc atgggatggg ttccgccaggc tccagggaaa 120
gagtgcgaaa gggtcgcgca tattacgcct gatggatga ccttcattga tgaaccggg 180
aaggggagat tcacgatctc ccgagacaac gccagaaaaa cgttgtcttt gcgaatgaat 240
agtctgaggc ctgaggacac ggccgtgtat tactgtgcgg cagattggaa atactggact 300
tgtggtgccc agactggagg atacttcgga cagtgggggc agggggccca ggtcacggc 360
tctcactag ctagttaacc gtacgacgtt ccggactacg gttcttaata gaattc 416

```

<210> 106
 <211> 361
 <212> DNA
 <213> Camelus sp.

<400> 106
 ctcgagtcctg ggggaggctc ggtccaacct ggaggatctc tgacactctc ctgtacagtt 60
 tctggggcca cctacagtga ctacagtatt ggatggatcc gccaggctcc agggaaggac 120
 cgtgaagtag tcgcagccgc taatactggt gcgactagta aattctacgt cgactttgtg 180
 aagggccgat tcaccatttc ccaagacaac gccagaata cggatatctc gcaaatgagc 240
 ttcctgaaac ctgaggacac ggccatctat tactgtgcgg cagcggaccc aagtatatat 300
 tatagtatcc tccattgagt ataagtactg gggccagggg acccaggtca ccgtctcctc 360
 a 361

<210> 107
 <211> 354
 <212> DNA
 <213> Camelus sp.

<400> 107
 ctcgagtcag ggggaggctc ggtggaggct ggagggtctc tgagactctc ctgtacagcc 60
 tctggatacg tctcctctat ggcctggttc cgccagggtc cagggcagga gcgcgagggg 120
 gtcgcgtttg ttcaaaccgc tgacaatagt gcattatatg gcgactccgt gaagggccga 180
 ttcaccatct cccacgacaa cgccaagaac acgctgtatc tgcaaatgcg caacctgcaa 240
 cctgacgaca ctggcgtgta ctactgtgcg gcccaaaaga aggatcgtac tagatgggcc 300
 gagcctcgag aatggaacaa ctggggccag gggacccagg tcaccgtctc ctca 354

<210> 108
 <211> 381
 <212> DNA
 <213> Camelus sp.

<400> 108
 ctcgagtcag gtgtccggtc tgatgtgcag ctggtggcgt ctgggggagg ctggtgcag 60
 gctggaggct ctctgagact ctctgtaca gcctctggag acagtttcag tagatttgcc 120
 atgtcttggg tccgccaggc tccagggaag gaggcggaat tgggtctcaag cattcaaagt 180
 aatggaagga caactgaggc cgattccgtg caaggccgat tcaccatctc ccgagacaat 240
 tccaggaaca cagtgtatct gcaaatgaac agcctgaaac ccgaggacac ggccgtgtat 300
 tactgtgggg cagtctccct aatggaccga atttcccaac atgggtgccg gggccaggga 360
 acccaggtca ccgtctcctt a 381

<210> 109
 <211> 18
 <212> PRT
 <213> Camelus sp.

<400> 109
 Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Asp
 1 5 10 15

Glu Leu

<210> 110
 <211> 18
 <212> PRT
 <213> Camelus sp.

<400> 110
 Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg Glu
 1 5 10 15

Glu Met

<210> 111
 <211> 18
 <212> PRT
 <213> Camelus sp.

<400> 111
 Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Gln Glu
 1 5 10 15

Glu Met

<210> 112
 <211> 24
 <212> PRT
 <213> Homo sapiens

<400> 112
 Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp
 1 5 10 15

Thr Leu Met Ile Ser Arg Thr Pro
 20

<210> 113
 <211> 23
 <212> PRT
 <213> Homo sapiens

<400> 113
 Val Ala Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr
 1 5 10 15

Leu Met Ile Ser Arg Thr Pro
 20

<210> 114
 <211> 24
 <212> PRT
 <213> Homo sapiens

<400> 114
 Phe Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp
 1 5 10 15

Thr Leu Met Ile Ser Arg Thr Pro
20

<210> 115
<211> 19
<212> PRT
<213> Homo sapiens

<400> 115
Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg
1 5 10 15

Asp Glu Leu

<210> 116
<211> 19
<212> PRT
<213> Homo sapiens

<400> 116
Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Arg
1 5 10 15

Glu Glu Met

<210> 117
<211> 19
<212> PRT
<213> Homo sapiens

<400> 117
Lys Gly Gln Pro Arg Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Gln
1 5 10 15

Glu Glu Met

<210> 118
<211> 30
<212> PRT
<213> Mus sp.

<400> 118
Glu Val Lys Leu Val Glu Ser Gly Gly Gly Leu Val Glu Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Thr Ser Gly Phe Thr Phe Ser
20 25 30

<210> 119
<211> 29
<212> PRT
<213> Homo sapiens

<400> 119

Glu Val Gln Leu Leu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly Ser
 1 5 10 15

Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser
 20 25

<210> 120

<211> 11

<212> PRT

<213> Homo sapiens

<400> 120

Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
 1 5 10

<210> 121

<211> 11

<212> PRT

<213> Homo sapiens

<400> 121

Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser
 1 5 10

<210> 122

<211> 11

<212> PRT

<213> Mus sp.

<400> 122

Trp Gly Gln Gly Thr Thr Leu Thr Val Ser Ser
 1 5 10

<210> 123

<211> 11

<212> PRT

<213> Mus sp.

<400> 123

Trp Gly Gln Gly Thr Ser Val Thr Val Ser Ala
 1 5 10

<210> 124

<211> 11

<212> PRT

<213> Mus sp.

<400> 124

Trp Gly Ala Gly Thr Thr Val Thr Val Ser Ser
 1 5 10

<210> 125
 <211> 21
 <212> PRT
 <213> Mus sp.

<400> 125
 Asp Tyr Tyr Gly Ser Ser Tyr Phe Asp Val Trp Gly Ala Gly Thr Thr
 1 5 10 15
 Val Thr Val Ser Ser
 20

<210> 126
 <211> 67
 <212> PRT
 <213> Homo sapiens

<400> 126
 Lys Val Asp Lys Arg Val Glu Leu Lys Thr Pro Leu Gly Asp Thr Thr
 1 5 10 15
 His Thr Cys Pro Arg Cys Pro Glu Pro Lys Cys Ser Asp Thr Pro Pro
 20 25 30
 Pro Cys Pro Arg Cys Pro Glu Pro Lys Ser Cys Asp Thr Pro Pro Pro
 35 40 45
 Cys Pro Arg Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe
 50 55 60
 Leu Phe Pro
 65

<210> 127
 <211> 35
 <212> PRT
 <213> Homo sapiens

<400> 127
 Lys Val Asp Lys Lys Ala Glu Pro Lys Ser Cys Asp Lys Thr His Thr
 1 5 10 15
 Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe
 20 25 30
 Leu Phe Pro
 35

<210> 128
 <211> 31
 <212> PRT
 <213> Homo sapiens

<400> 128

Lys Val Lys Val Thr Val Glu Arg Lys Cys Cys Val Glu Cys Pro Pro
 1 5 10 15

Cys Pro Ala Pro Pro Val Ala Gly Pro Ser Val Phe Leu Phe Pro
 20 25 30

<210> 129

<211> 32

<212> PRT

<213> Homo sapiens

<400> 129

Lys Val Asp Lys Arg Val Glu Ser Lys Tyr Gly Pro Pro Cys Pro Ser
 1 5 10 15

Cys Pro Ala Pro Glu Phe Leu Gly Gly Pro Ser Val Phe Leu Phe Pro
 20 25 30

<210> 130

<211> 11

<212> PRT

<213> Homo sapiens

<400> 130

Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser
 1 5 10